

S. Turner

1644

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/267,511

DATE: 02/10/2000
TIME: 12:11:55

Input Set: I267511.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

ENTERED

1 <110> APPLICANT: Brenneman, Douglas E.
2 Spong, Catherine Y.
3 Gozes, Illana
4 Bassan, Merav
5 Zamostiano, Rachel
6 The Government of the United States of America
7 as represented by the Secretary of the
8 Department of Health and Human Services
9 Ramot University Authority for Applied Research
10 and Industrial Development, Ltd.
11 <120> TITLE OF INVENTION: Prevention of Fetal Alcohol Syndrome and Neuronal Cell
12 Death With ADNF Polypeptides
13 <130> FILE REFERENCE: 015280-377000US
14 <140> CURRENT APPLICATION NUMBER: US/09/267,511
15 <141> CURRENT FILING DATE: 1999-03-12
16 <160> NUMBER OF SEQ ID NOS: 26
17 <170> SOFTWARE: PatentIn Ver. 2.1
18 <210> SEQ ID NO 1
19 <211> LENGTH: 9
20 <212> TYPE: PRT
21 <213> ORGANISM: Artificial Sequence
22 <220> FEATURE:
23 <223> OTHER INFORMATION: Description of Artificial Sequence:activity
24 dependent neurotrophic factor I (ADNF I) active
25 site
26 <400> SEQUENCE: 1
27 Ser Ala Leu Leu Arg Ser Ile Pro Ala
28 1 5
29 <210> SEQ ID NO 2
30 <211> LENGTH: 8
31 <212> TYPE: PRT
32 <213> ORGANISM: Artificial Sequence
33 <220> FEATURE:
34 <223> OTHER INFORMATION: Description of Artificial Sequence:activity
35 dependent neurotrophic factor III (ADNF III)
36 active site
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38 Asn Ala Pro Val Ser Ile Pro Gln
39 1 5
40 <210> SEQ ID NO 3
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42 <212> TYPE: PRT
43 <213> ORGANISM: Artificial Sequence
44 <220> FEATURE:

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/267,511

DATE: 02/10/2000
TIME: 12:11:55

Input Set: I267511.RAW

45 <223> OTHER INFORMATION: Description of Artificial Sequence:ADNF I
46 polypeptide
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48 <221> NAME/KEY: MOD_RES
49 <222> LOCATION: (1)..(40)
50 <223> OTHER INFORMATION: Xaa = any amino acid, Xaa at positions 1-40 may be
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52 <220> FEATURE:
53 <221> NAME/KEY: MOD_RES
54 <222> LOCATION: (50)..(89)
55 <223> OTHER INFORMATION: Xaa = any amino acid, Xaa at positions 50-89 may
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59 1 5 10 15
W--> 60 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
61 20 25 30
W--> 62 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Ser Ala Leu Leu Arg Ser Ile Pro
63 35 40 45
W--> 64 Ala Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
65 50 55 60
W--> 66 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
67 65 70 75 80
W--> 68 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
69 85

70 <210> SEQ ID NO 4
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77 <220> FEATURE:
78 <221> NAME/KEY: MOD_RES
79 <222> LOCATION: (1)..(40)
80 <223> OTHER INFORMATION: Xaa = any amino acid, Xaa at positions 1-40 may be
81 present or absent
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87 <400> SEQUENCE: 4

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91 20 25 30
W--> 92 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Asn Ala Pro Val Ser Ile Pro Gln
93 35 40 45
W--> 94 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa

PAGE: 3

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/267,511DATE: 02/10/2000
TIME: 12:11:55

Input Set: I267511.RAW

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 W--OK 96
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 W--> 98
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PAGE: 4

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/267,511DATE: 02/10/2000
TIME: 12:11:55

Input Set: I267511.RAW

145 <223> OTHER INFORMATION: Description of Artificial Sequence:2-R in ADNF I
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148 Val Leu Gly Gly
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153 <213> ORGANISM: Artificial Sequence
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156 polypeptide formula
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158 Val Leu Gly Gly Val
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193 <213> ORGANISM: Artificial Sequence
194 <220> FEATURE:

PAGE: 5

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/267,511DATE: 02/10/2000
TIME: 12:11:55

Input Set: I267511.RAW

195 <223> OTHER INFORMATION: Description of Artificial Sequence:ADNF I
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200 Gly Gly Gly
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233 Leu Gly Gly
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